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ATTY. DKT. NO. 5659-06100/TH199

SERIAL NO. 09/841,194

APPLICANT: Vinegar, et al.

GROUP: 4764 3672

FILING DATE: April 24, 2001 PABEMARY

**U.S. PATENT DOCUMENTS** 

		MAGEMAN	U.S. I AILINI	DOCUMENTS			
EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
GG	<b>A</b> 1	760,304	05/1904	Butler		T	
	A2	1,342,741	06/1920	Day			
	A3	1,510,655	10/1924	Clark			
ŭ	-A4	1,666,488	,02/19 <del>27</del> -L	Crawshaw		REC	
1 4	A5	1,913,395	1-1/1929	(God Karrick		MAD 1	
	A6	2,423,674	07/1947	Agren		m lut T	5 2002
11	A7	2,444,755	07/1948	Steffen	<del>   G</del>		P 3600
	-A8	2,466,945	02/1946-4	1949 Greene			
NV.	A9	2,472,445	06/1949	Sprong			
1,81,	A10	2,484,063	10/1949	Ackley			
16/2	A11	2,497,868	02/1950	Dalin			
4/1/	A12	2,548,360	04/1951	Germain			200
///	A13	2,593,477	04/1952	Newman et al.			E 10
\ \	A14	2,595,979	05/1952	Pevere et al.			20 1
ľ	A15	2,630,306	01/1952 3	953 Evans			
	A16	2,634,961	04/1953	Ljungstrom		F	5 3 0
	A17	2,642,943	06/1953	Smith et al.			0
	A18	2,670,802	03/1954	Ackley			
	A19	2,695,163	11/1954	Pearce et al.			
	A20	2,732,195	01-24-56	Ljungstrom			
	A21	2,734,579	02-14-56	Elkins			
	A22	2,780,449	02-05-57	Fisher et al.			
	A23	2,777,679	01/1957	Ljungstrom			
	A24	2,780,450	02/1957	Ljungstrom			
	A25	2,786,660	03/1957	Alleman			
	A26	2,789,805	04/1957	Ljungstrom			
	A27	2,804,149	08/1957	Kile	0		
	A28	2,841,375	07/1958	Salomonsson			
	A29	2,902,270	09/1959	Salomonsson et al.			
69	A30	2,906,337	09/1959	Henning	1	<u> </u>	·

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ATTY. DKT. NO. 5659-06100/TH199

APPLICANT: Vinegar, et al.

FILING DATE: April 24, 2001

SERIAL NO. 09/841,194

GROUP: 1764

U.S. PA	TENT	<b>DOCUMENTS</b>	

			U.S. PATENT	DOCUMENTS			
EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
65	A31	2,914,309	11/1959	Salomonsson	-		
	A32	2,923,535	02/1960	Ljungstrom			
	A33	2,939,689	06/1960	Ljungstrom			
	A34	2,954,826	10/1960	Sievers			
	A35	2,974,937	03/1961	Kiel			
	A36	2,994,376	08/1961	Crawford et al.			
	A37	2,998,457	08/1961	Paulsen			
	A38	3,004,603	10/1961	Rogers et al.			
	A39	3,007,521	11/1961	Trantham et al.			
	A40	3,095,031	06/1963	Eurenius et al.			
	A41	3,105,545	10/1963	Prats et al.			
	A42	3,106,244	10/1963	Parker			
	A43	3,110,345	11/1963	Reed et al.			
,	. A44	3,113,623	12/1963	Krueger			
	A45	3,114,417	12/1963	McCarthy			
ري	A46	3,131,763	05/1964	Kunetka et al.			
*	A47	3,139,928	07/1964	Broussard			
20	A48	3,142,336	07/1964	Doscher			6, 1/2
0 %	A49	3,149,672	9 70/1964	Orkiszewski et al.		7	
	A50	3,163,745	12/1964	Boston			
	A51	3,164,207	01/1965	Thessen et al.			
	A52	3,182,721	05/1965	Hardy			
	A53	3,183,675	05/1965	Schroeder			
	A54	3,191,679	06/1965	Miller			
	A55	3,205,946	9 10/1965	Prats et al.			
	A56	3,207,220	<sup>C</sup> \10/1965	Williams			
1	A57	3,208,531	9 10/1965	Tamplen			
69	A58	3,209,825	10/1965	Alexander et al.			
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ATTY. DKT. NO. 5659-06100/TH198

SERIAL NO. 09/841,194

APPLICANT: Vinegar, et al.

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69	A59	3,237,689	03/1966	Justheim		Γ	إحميت		
	A60	3,241,611	03/1966	Dougan					
	A61	3,250,327	05/1966	Crider					
	A62	3,267,680	08/1966	Schlumberger			1		
	A63	3,284,281	11/1966	Thomas					
	A64	3,338,306	08/1967	Cook		_			
	A65	3,528,501	09/1970	Parker					
	A66	3,595,082	07/1971	Miller et al.					
	A67	3,973,628	08/1976	Colgate					
N. A.	A:68	3,992,148 نر	11/197 <b>5</b>	Child Short	-6	tal			
M. B	A69	L 3,993,132	11/1977	Garrett COV	h	<u>efc</u>	1)		
1 4	A70	4,016,239	04/1977	Fenton					
	A71	4,076,761	02/1978	Chang et al.					
	A72	4,089,372	05/1978	Тетту					
	A73	4,093,026	06/1978	Ridley					
	A74	4,096,163	06/1978	Chang, et al.					<u></u>
	A75	4,130,575	12/1978	Jorn et al.				-	
	A76	4,133,825	′ 01/1979	Stroud et al.	ļ		2	N. K.	
	A77	4,138,442	02/1979	Chang et al.			<b>C</b>	7	7
	A78	4,186,801	02/1980	Madgavkar et al.				7	
	A79	4,250,230	02/1981	Terry					
	A80	4,250,962	02/1981	Madgavkar et al.	$\sqcup$				
	A81	4,273,188	06/1981	Vogel et al.					
	A82	4,274,487	06/1981	Hollingsworth et al.					
	A83	4,299,086	11/1981	Madgavkar et al.					
	A84	4,299,285	11/1981	Tsai et al.	$\coprod$	,			
	A85	4,359,687	11/1982	Vinegar et al.					
	A86	4,363,361	12/1982	Madgavkar et al.	$\prod$				
1	A87	4,366,668	01/1983	Madgavkar et al.	$\coprod$				
'69	A88	4,378,048	03/1983	Madgavkar et al.	1-	_	لے		

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ATTY. DKT. NO. 5659-06100/TH19

APPLICANT: Vinegar, et al.

SERIAL NO. 09/841,194

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FILING DATE: April 24, 2001

		TRADEWART	U.S. PATENT	DOCUMENTS			
EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
69	A89	4,381,641	05/1983	Madgavkar et al.			
	A90	4,398,151	08/1983	Vinegar et al.			
	A91	4,407,973	10/1983	van Dijk et al.			
7	A92	4,409,090	10/1983	Hanson et al.			
	A93	4,444,258	04/1984	Kalmar			
	A94	4,501,445	02/1985	Gregoli			
	A95	4,530,401	07/1985 ·	Hartman et al.			
	A96	4,540,882	10/1985	Vinegar et al.			
	A97	4,542,648	10/1985	Vinegar et al.			
	A98	4,570,715	02/1986	Van Meurs et al.			
	A99	4,571,491	02/1986	Vinegar et al.			
	A100	4,572,299	02/1986	Vanegmond et al.			
	A101	4,583,046	04/1986	Vinegar et al.			
	A102	4,583,242	04/1986	Vinegar et al.			
	A103	4,594,468	06/1986	Minderhoud			
	A104	4,597,441	07/1986	Ware et al.			
	A105	4,605,680	08/1986	Beuther et al.		Of.	
	A106	4,613,754	09/1986	Vinegar et al.		2	
	A107	4,616,705	10/1986	Stegemeier et al.			30, C
	A108	4,635,197	01/1987	Vinegar et al.		10	
	A109	4,640,352	02/1987	Vanmeurs et al.			
	A110	4,644,283	02/1987	Vinegar et al.			
	A111	4,658,215	04/1987	Vinegar et al.			
	A112	4,663,711	05/1987	Vinegar et al.			
	A113	4,671,102	06/1987	Vinegar et al.			
	A114	4,716,960	01/1988	Eastlund et al.			
	A115	4,719,423	01/1988	Vinegar et al.			
	A116	4,728,892	03/1988	Vinegar et al.			
	A117	4,730,162	03/1988	Vinegar et al.			
69	A118	4,743,854	05/1988	Vinegar et al.	1.1	4	

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APPLICANT: Vinegar, et al.

SERIAL NO. 09/841,194

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FILING DATE: April 24, 2001

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EXAM. NITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLA	ASS	SU CLA		FILING DATE IF APPROPRIATE
G9	A119	4,762,425	08/1988	Shakkottai et al.	-		v-T	-	711 TROTTOTION 12
<u> </u>	A120	4,769,602	09/1988	Vinegar et al.					
	A121	4,769,606	09/1988	Vinegar et al.	11				
	A122	4,793,656	12/1988	Siddoway et al.					
	A123	4,827,761	05/1989	Vinegar et al.					
	A124	4,848,924	07/1989	Nuspl et al.					
	A125	4,856,341	08/1989	Vinegar et al.					
	A126	4,860,544	08/1989	Krieg et al.					
	A127	4,866,983	09/1989	Vinegar et al.					
	- A128	4,884,455	12/1989	Vinegar et al.					
	A129	4,886,118	12/1989	Van Meurs et al.					
	A130	4,927,857	05/1990	McShea III et al.					
	A131	4,974,425	12/1990	Krieg et al.					
	A132	4,983,319	01/1991	Gregoli et al.					
	A133	4,984,594	01/1991	Vinegar et al.		1			,
	. A134	4,987,368	01/1991	Vinegar		OK.			
	A135	4,994,093	02/1991	Wetzel et al.		٠٤.			
	A136	5,014,788	05/1991	Puri et al.		57	700		
	A137	5,046,559	10/1991	Glandt			S)	, "	
	A138	5,050,386	09/1991	Krieg et al.					
	A139	5,060,287	10/1991	Van Egmond					
	A140	5,060,726	10/1991	Glandt et al.					_
	A141	5,065,818	11/1991	Van Egmond					
	A142	5,168,927	12/1992	Stegemeier et al.		_			
	A143	5,189,283	02/1993	Carl, Jr. et al.					
	A144	5,190,405	03/1993	Vinegar et al.					
	A145	5,207,273	05/1993	Cates et al.					
	A146	5,211,230	05/1993	Ostapovich et al.					
	A147	5,226,961	07/1993	Nahm et al.					
69	A148	5,229,583	07/1993	van Egmond et al.		-			

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ATTY. DKT. NO. 5659-06100/TH199

APPLICANT: Vinegar, et al.

GROUP: 1764

SERIAL NO. 09/841,194

FILING DATE: April 24, 2001

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EXAM. NITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SU		FILING DATE IF APPROPRIATE
G9	A149	5,236,039	08/1993	Edelstein et al.	-	-	-	
	A150	5,255,742	10/1993	Mikus		11		
	A151	5,297,626	03/1994	Vinegar et al.				· ·
	A152	5,306,640	04/1994	Vinegar et al.				
	A153	5,318,116	06/1194	Vinegar et al.				
	A154	5,339,897	08/1994	Leaute				
	A155	5,340,467	08/1994	Gregoli et al.				
	A156	5,349,859	09/1994	Kleppe				
	A157	5,388,640	02/1995	Puri et al.				
	- A158	5,388,641	02/1995	Yee et al.				
	A159	5,388,642	02/1995	Puri et al.				
	A160	5,388,643	02/1995	Yee et al.				
	A161	5,388,645	02/1995	Puri et al.				
	A162	5,391,291	02/1995	Winquist et al.				
	A163	5,392,854	02/1995	Vinegar et al.				
	A164	5,404,952	04/1995	Vinegar et al.				5
	A165	5,409,071	04/1995	Wellington et al.		R.		
	A166	5,411,089	05/1995	Vinegar et al.			رع	
	A167	5,415,231	05/1995	Northrop et al.		7	`*@	2 (1)
	A168	5,431,224	07/1995	Laali				<b>/</b>
	A169	5,433,271	07/1995	Vinegar et al.		<u> </u>		
	A170	5,437,506	08/1995	Gray				
	A171	5,439,054	08/1995	Chaback et al.				
	A172	5,454,666	10/1995	Chaback et al.				
	A173	5,497,087	03/1996	Vinegar et al.				
	A174	5,498,960	03/1996	Vinegar et al.				
	A175	5,525,322	06/1996	Willms				
	A176	5,553,189	09/1996	Stegemeier et al.				
	A177	5,554,453	09/1996	Steinfeld et al.				
69	A178	5,566,756	10/1996	Chaback et al.				<del></del>

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ATTY. DKT. NO. 5659-06100/TH1996

APPLICANT: Vinegar, et al.

SERIAL NO. 09/841,194

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U.S. PATENT DOCUMENTS

RADEMA DOCUMENT NUMBER FILING DATE IF EXAM. REF. DATE NAME CLASS **SUB** APPROPRIATE CLASS INITIALS DES. A179 04/1997 West 5,624,188 A180 08/1997 Stegemeier et al. 5,656,239 A181 5,676,212 10/1997 Kuckes A182 01/1999 Wellington et al. 5,862,858 A183 5,899,269 05/1999 Wellington et al. A184 5,968,349 10/1999 Duyvesteyn et al. A185 5,984,010 11/1999 Elias et al. A186 5,985,138 11/1999 Humphreys A187 12/1999 5,997,214 de Rouffignac et al. A188 6,016,867 01/2000 Gregoli et al. A189 01/2000 6,016,868 Gregoli et al. A190 6,019,172 02/2000 Wellington et al. A191 6,023,554 02/2000 Vinegar et al. A192 05/2000 6,056,057 Vinegar et al. A193 6,079,499 06/2000 Mikus et al. A194 07/2000 Agee et al. 6,085,512 A195 07/2000 6,094,048 Vinegar et al. A196 6,102,122 08/2000 de Rouffignac A197 08/2000 6,102,622 Vinegar et al. A198 6,152,987 11/2000 Ma et al. A199 01/2001 Wolflick et al. 6,172,124 A200 01/2001 Elias et al. 6,173,775 B1 Galloway A201 6,187,465 02/2001 Bridges et al. A202 Re. 30,738 09/1981 A203 Re. 35,696 12/1997 Mikus FOREIGN PATENT DOCUMENTS EXAM. REF. DOCUMENT NUMBER COUNTRY CLASS SUB TRANSLAT **DATE** INITIALS DES. **CLASS** ON YES/NO A204 121,737 03/1948 Sweden A205 123,136 11/1948 Sweden

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ATTY. DKT. NO. 5659-06100/TH1994

SERIAL NO. 09/841,194

APPLICANT: Vinegar, et al.

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FILING DATE: April 24, 2001

		PADEMARK OF F	OREIGN PATENT	DOCUMENTS			
XAM. NITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	S SUB CLASS	TRANSLAT ON YES/NO
69	A206	123,137	11/1948	Sweden	17		
{	A207	123,138	11/1948	Sweden			
	A208	126,674	11/1949	Sweden			
	A209	1,196,594	11/1985	CA			
	A210	1,253,555	05/1989	CA			
	A211	1,288,043	08/1991	CA			
	A212	156,396	01/1921	GB			
	A213	674,082	06/1952	GB			
	A214	697,189	09/1953	GB			
-	A215	1,454,324	11/1976	GB			
	A216	1,501,310	02/1978	GB			
•	A217	2,086,416	05/1982	GB			
	A218	1836876	12/1994	SU			
	A219	0570228 B1	09/1996	EP			
<u> </u>	A220	99/01640	01/1999	WO			
	A221	95/06093	03/1995	WO		120	
	A222	95/12746	05/1995	WO		Of C	
	A223	95/33122	12/1995	WO	<b>&gt;</b>	- C	
	A224	95/12742	05/1995	WO		\$ 5 K	
	A225	95/12743	05/1995	WO			
1	A226	95/12744	05/1995	WO		1 40	
69	A227	95/12745	05/1995	WO	11		
	.1	OTHER ART (In	cluding Author, Ti	itle, Date, Pertinent Page	s, Etc.)		
(39		Some Effects of Pressure on Oi pp. 287-292.	1-Shale Retorting," S	Society of Petroleum Engir	neers Journal	l, J.H. Bae, S	eptember, 196
	A229	New in situ shale-oil recovery p	process uses hot natu	ral gas; The Oil & Gas Jo	urnal; May 1	6, 1966, p. 1:	51.
G9	A230	Evaluation of Downhole Electric Society 37 <sup>th</sup> Annual Petroleum Inc., Bosch et al., September 19	and Chemical Indust				
69	A231	New System Stops Paraffin Bui		igineer, Eastlund et al., Jar	uary 1989, (	(3 pages).	
69	A232	<ul> <li>Oil Shale Retorting: Effects of Particle Size and Heating Rate on Oil Evolution and Intraparticle Oil Degradation;</li> <li>Campbell et al. In Situ 2(1), 1978, pp. 1–47.</li> </ul>				gradation;	

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ATTY. DKT. NO. 5659-06100/TH199

APPLICANT: Vinegar, et al.

SERIAL NO. 09/841,194

GROUP: -1764-

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ATTY. DKT. NO. 5659-06100/TH1986

APPLICANT: Vinegar, et al.

GROUP: 1764

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SERIAL NO. 09/841,194

FILING DATE: April 24, 2001

		THER ART Including Author, Title, Date, Pertinent Pages, Etc.)
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